

| Ref # | Hits  | Search Query  | DBs                           | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|-------------------------------|------------------|---------|------------------|
| S1    | 11369 | (chemiluminescent or chemiluminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization)   | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 16:34 |
| S2    | 1     | (chemiluminescent or chemiluminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and (caged near calcium)  | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 17:10 |
| S3    | 153   | "4981985" or "5162227" or "5288623" or "5360728" or "5486455" or "5876935" or "5446186"   | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 10:48 |
| S4    | 42    | (chemiluminescent or chemiluminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and (caged near compound)   | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 17:07 |
| S5    | 18    | (chemiluminescent or chemiluminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and (caged near compound) and strip   | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 17:07 |
| S6    | 6     | (luminescent or luminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and (caged near compound) and strip   | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 17:31 |
| S7    | 18    | (luminescent or luminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and (caged near compound)   | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 17:07 |
| S8    | 2     | ((chemiluminescent or chemiluminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and (caged near compound)) or ((luminescent or luminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and (caged near compound) )) and paramagnetic | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 17:07 |
| S9    | 78    | (chemiluminescent or chemiluminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and ((chelator or caged) near calcium)  | US-PGPUB; USPAT; EPO; DERWENT | OR               | ON      | 2004/04/05 17:27 |

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| S10 | 31  | (chemiluminescent or chemiluminescence or luminescent or luminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and ((chelator or caged) near calcium) and paramagnetic  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/05 17:30 |
| S11 | 66  | (chemiluminescent or chemiluminescence or luminescent or luminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and ((chelator or caged) near calcium) and (nitrocellulose or polyacrylamide)                              | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 14:40 |
| S12 | 56  | (chemiluminescent or chemiluminescence or luminescent or luminescence) and calcium and (binding or immobilize or bind or immobilizing or immobilization) and ((chelator or caged) near calcium) and (nitrocellulose or polyacrylamide) and (biotin or biotinylated) | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 15:39 |
| S13 | 1   | calcium near caging near compound   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 17:03 |
| S14 | 423 | pankratz  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 17:03 |
| S15 | 35  | pankratz and calcium  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 17:34 |
| S16 | 4   | pankratz and paramagnetic   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/07 14:11 |
| S17 | 630 | paramagnetic and (support or strip) and (binding or immobilization or bind or immobilized or immobilize) and calcium and (chelator or caged)  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 17:37 |
| S18 | 484 | paramagnetic and (support or strip) and (binding or immobilization or bind or immobilized or immobilize) and calcium and (chelator or caged) and (luminescent or luminescence or chemiluminescence or chemiluminescent)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 17:38 |

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| S19 | 88  | paramagnetic and (support or strip) and (binding or immobilization or bind or immobilized or immobilize) and calcium and (chelator or caged) and (luminescent or luminescence or chemiluminescence or chemiluminescent) not @ay>"1999"         | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 17:44 |
| S20 | 88  | paramagnetic and (support or strip or bead) and (binding or immobilization or bind or immobilized or immobilize) and calcium and (chelator or caged) and (luminescent or luminescence or chemiluminescence or chemiluminescent) not @ay>"1999" | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/06 17:45 |
| S21 | 13  | ("4380580"   "4401765"   "4604364"   "4661408"   "5096809"   "5162227"   "5200313"   "5288623"   "5360728"   "5369006"   "5461136"   "5486455"   "5521319").PN.  | USPAT                                  | OR | ON | 2004/04/06 17:46 |
| S22 | 2   | "5876935".URPN.  | USPAT                                  | OR | ON | 2004/04/06 17:47 |
| S23 | 0   | calcium near chelator near support   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/07 14:13 |
| S24 | 10  | chelator near (support or strip)   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/07 14:14 |
| S25 | 525 | ((calcium near chelator) or (caged near calcium))  | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/07 14:16 |
| S26 | 24  | caged near calcium   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/07 14:17 |
| S27 | 11  | (caged near calcium) and support   | US-PGPUB;<br>USPAT;<br>EPO;<br>DERWENT | OR | ON | 2004/04/07 14:17 |
| S28 | 0   | (calcium near caging near compound) not @ay>"1999"   | US-PGPUB;<br>USPAT;<br>EPO             | OR | ON | 2004/12/05 17:35 |
| S29 | 17  | (calcium near (caged or caging)) not @ay>"1999"  | US-PGPUB;<br>USPAT;<br>EPO             | OR | ON | 2004/12/05 17:42 |
| S30 | 15  | (calcium near (caged or caging)) and (strip support substrate) not @ay>"2000"  | US-PGPUB;<br>USPAT;<br>EPO             | OR | ON | 2004/12/05 17:44 |

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| S31 | 1   | (calcium near (caged or caging)) and (strip) not @ay>"2000"                    | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 17:55 |
| S32 | 0   | 98/30908   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 17:47 |
| S33 | 1   | "9830908"  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 17:47 |
| S34 | 1   | (calcium near (caged or caging chemiluminescent)) and (strip) not @ay>"2000"   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 18:45 |
| S35 | 0   | (DM near nitrophen) and (strip) not @ay>"2000"                                 | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 18:45 |
| S36 | 0   | nitrophen and (aequorin obelin) and (strip) not @ay>"2000"                     | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 18:45 |
| S37 | 422 | (aequorin obelin) and (strip) not @ay>"2000"                                   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 18:46 |
| S38 | 0   | (aequorin obelin) and (calcium near caging) and (strip) not @ay>"2000"         | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 18:46 |
| S39 | 1   | (aequorin obelin) and (calcium near (caged caging)) and (strip) not @ay>"2000" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/07 13:14 |
| S40 | 1   | "6,589,746"  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/05 19:03 |
| S45 | 2   | time near resolved near chemiluminescence not @ay>"2000"                       | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/06 16:47 |
| S46 | 0   | nitrophen and (time near resolved near chemiluminescence) not @ay>"2000"       | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/06 17:02 |
| S47 | 0   | nitrophen and aequorin not @ay>"2000"  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/06 17:03 |
| S48 | 0   | nitrophen and obelin not @ay>"2000"  | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/06 17:03 |
| S49 | 153 | nitrophen and calcium not @ay>"2000"   | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/06 17:04 |
| S50 | 62  | nitrophen and calcium and binding not @ay>"2000"                               | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/06 17:04 |

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| S51 | 1 | nitrophen and calcium and binding<br>and chemiluminescence not<br>@ay>"2000" | US-PGPUB;<br>USPAT;<br>EPO | OR | ON | 2004/12/06 17:05 |
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